

# \*T3 DUAL INTERFACE TRANSFORMER

Turns Ratio ( ± 3%)	1:2CT & 1:2CT
---------------------	---------------

PARAMETER	MIN.	MAX.	UNITS
Inductance	19		μHy
Rise Time		3.00	nS
Leakage Inductance		0.14	μHy
Capacitance (C <sub>ww</sub> )		15	pF
Primary DC Resistance		0.2	ohms
Isolation	1500		VRMS

Flammability: Materials used in the production of these units meet requirements of UL94-VO and IEC 695-2-2 needle flame test.

**Temperature Characteristics TX:**  
 -40° C 11.4 μH min. (40% drop in inductance)  
 +85° C 26.6 μH min. (40% growth in inductance)

Typical part: TX Side  
 25.6 μH @ +25° C  
 37.2 μH @ +85° C  
 16.0 μH @ -40° C

Parts shipped in anti-static tubes. 33 pieces per tube

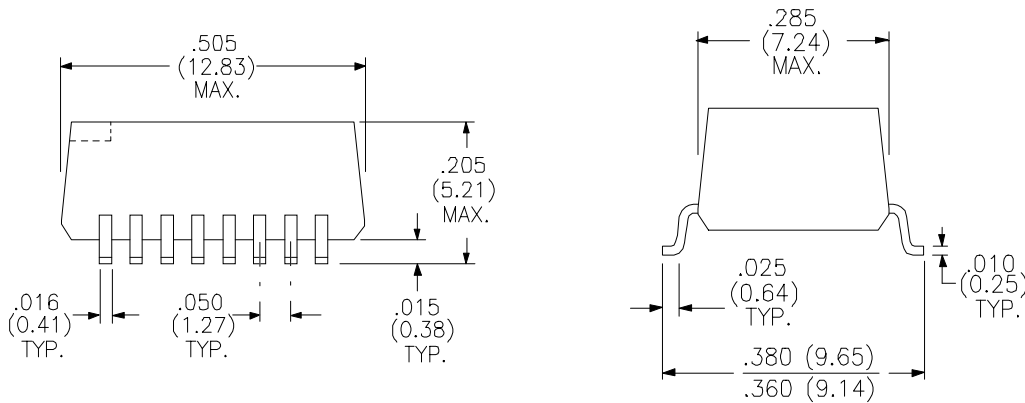
*Tape & Reel Available*

Operating Temperature range: -40°C to +85°C

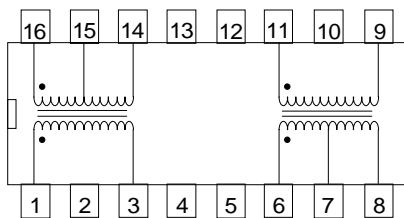
3 dB Bandwidth is .200 - 340 (MHz) typical, tested in a 75 ohm system

\* Also suitable for DS3, E3 and STS-1 interfaces

## PHYSICAL DIMENSIONS All dimensions in inches (mm):



## SCHEMATIC DIAGRAM:



## **RHOMBUS INDUSTRIES INC.** **FSCM NO. 16714**

RHOMBUS P/N: **T-15104**

CUST P/N:

NAME:

DATE: **9/3/00**

SHEET: 1 OF 1